

Docket No.: 13311-00010-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Markus Matuschek et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: METHOD FOR THE GENETIC
MODIFICATION OF ORGANISMS OF THE
GENUS BLAKESLEA, CORRESPONDING
ORGANISMS, AND THE USE OF THE
SAME

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

The documents listed on the attached SB/08 are the documents cited in an International Search Report during the prosecution of international application no. PCT/EP2004/000100, which corresponds to the above referenced application. In accordance with 37 CFR 1.97(b)(2), Applicants hereby submit these documents for the Examiner's consideration. A copy of the International Search Report and the International Preliminary Examination Report are enclosed

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with this application. A copy of each reference on the PTO/SB/08 required under 37 CFR 1.98(a)(2) are enclosed.

This statement is not to be interpreted as a representation that the cited documents are material, that a search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicants believe no fee is due with this paper. However, if a fee is due, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13311-00010-US from which the undersigned is authorized to draw.

Respectfully submitted,

By 
Roberte M. D. Makowski, Ph.D.

Registration No.: 55,421
CONNOLLY BOVE LODGE & HUTZ LLP
1007 North Orange Street
P.O. Box 2207
Wilmington, Delaware 19899
(302) 658-9141
(302) 658-5614 (Fax)
Attorney for Applicants

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned 10/541993
				Filing Date	Concurrently Herewith
				First Named Inventor	Markus Matuschek
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	13311-00010-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-2002/0051998	05-02-2002	Schmidt-Dannert et al.	
	AB	US-6,413,736	07-02-2002	Jacobson et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO-98/46772 A2	10-22-1998	Gist-Brocades B.V.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	CA	van Heeswijck, R. et al., "High Frequency Transformation Of Mucor With Recombinant Plasmid DNA", Carlsberg Res. Commun. 49 (1984), pp. 691-702.		
	CB	Navarro, E. et al., "Overexpression Of The <i>crgA</i> Gene Abolishes Light Requirement For Carotenoid Biosynthesis In <i>Mucor circinelloides</i> ", Eur. J. Biochem. 267 (2000), pp. 800-807.		
	CC	Navarro, E. et al., "A Negative Regulator Of Light-Inducible Carotenogenesis In <i>Mucor circinelloides</i> ", Mol. Genet. Genomics 266 (2001), pp. 463-470.		
	CD	Skory, C., "Homologous Recombination And Double-Strand Break Repair In The Transformation Of <i>Rhizopus oryzae</i> ", Mol. Genet. Genomics 268 (2002), pp. 397-406.		
	CE	Lee, P. C. et al., "Metabolic Engineering Towards Biotechnological Production Of Carotenoids In Microorganisms", Appl. Microbiol. Biotechnol. 60 (2002), pp. 1-11.		
	CF	An, Z. et al., "New Cosmid Vectors For Library Construction, Chromosome Walking And Restriction Mapping In Filamentous Fungi", Gene 176 (1996), pp. 93-96.		
	CG	Nicolás, F. et al., "Two Classes Of Small Antisense RNAs In Fungal RNA Silencing Triggered By Non-Integrative Transgenes", The EMBO Journal 22 (15) (2003), pp. 3983-3991.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	
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